



# Frequently Asked Questions (FAQs)

## Dissolution Accessories (DA) Media Concentrates

- 🏛️ **What are DA Dissolution Media Concentrates?**

DA Dissolution Media Concentrates are pre-mixed concentrates that significantly reduce the amount of time and costs required to prepare dissolution media, while also improving the quantity and consistency of the media produced, which ultimately reduces rework, and simplifies the task of regulatory compliance.
- 🏛️ **How do I use DA Dissolution Media Concentrates?**

Simply pour the pre-mixed concentrate into a mixing chamber and add purified water to dilute to the appropriate volume depending on amount of media required (6L, 10L or 25L).
- 🏛️ **How long do I need to mix the concentrate with the purified water?**

DA Dissolution Media Concentrates must be mixed with purified water for approximately 5 minutes. This mixing time is much shorter than traditional in-house dissolution media mixing processes, improving lab productivity.
- 🏛️ **After the medium is mixed, how long can I store/keep the dissolution solution?**

Like laboratory prepared dissolution medias, DA dissolution media concentrates should be used within 24 hours.
- 🏛️ **What sizes of DA dissolution media concentrates are available?**
  - 230.8 ml DA dissolution media concentrates produces 6L of diluted solution media;
  - 250.0 ml DA dissolution media concentrates produces 10L of diluted solution media;
  - 400 ml SLS 0.50% DA dissolution media concentrates produces 6L of diluted solution media;
  - 500 ml SLS 0.50% DA dissolution media concentrates produces 10L of diluted solution media;
  - 961.5 ml DA dissolution media concentrates produces 25L of diluted solution media;
- 🏛️ **How can I ensure the consistency of the finished product?**

DA dissolution media concentrates are produced in ISO registered facilities, ensuring lot-to-lot consistency, reproducibility of results, and measurement of each batch against published specifications.
- 🏛️ **How do you ensure quality of your product?**

DA dissolution media concentrates are produced using raw materials in accordance with USP guidelines.



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- ☪ **How do you ensure the correct quantity of your product in each bottle?**  
DA dissolution media concentrates are packaged to stringent fill tolerances of  $\pm 0.5\%$  of target volume.
- ☪ **Will I still need to keep excess inventory of the chemicals commonly used to prepare media?**  
DA dissolution media concentrates eliminate the need to store excess chemicals for time-consuming, in-house preparation of dissolution solutions.
- ☪ **What are the advantages of using DA dissolution media concentrates compared to mixing media in-house or using pre-mixed dissolution solution?**
  - Using DA dissolution media concentrates greatly reduces the time required to prepare media in-house, enabling cost savings and improved productivity in the lab.
  - Reduces storage space requirements, along with lower freight charges make DA media concentrates a smarter choice than using traditional pre-mixed dissolution solutions in larger containers and bulky drums.
- ☪ **Are DA dissolution media concentrates used only in R&D applications?**
  - DA dissolution media concentrates are suitable for all applications that require the use of dissolution media.
  - Smaller package sizes are offered for research and small batch applications, while larger sizes are ideal for use in Quality Control departments.
- ☪ **What temperature should I store these products at?**  
DA dissolution media concentrates should be stored at room temperature.
- ☪ **Can I still use DA dissolution media concentrates if it freezes?**  
DA dissolution media concentrates are usable even if frozen. Simply let the media thaw at room temperature and use as normal when it has fully returned to a liquid state.
- ☪ **What type of container is DA dissolution media concentrates available in?**  
DA dissolution media concentrates are packaged in high-density polyethylene bottles (HDPE) for enhanced safety.
- ☪ **Why should I buy the DA dissolution media concentrates line of products?**  
DA dissolution media concentrates provide increased productivity and cost savings for laboratory analyst/chemists performing dissolution testing because they eliminate many of the time-consuming steps which are typically associated with solution preparation.
- ☪ **Are samples available? If so, where should I send my request to?**  
Samples are available in the 230.8 ml size. Please contact your local distributor or DA representative to request a sample.



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- ☪ **What are the minimum purchasing requirements?**  
 DA dissolution media concentrates are offered in convenient packaging configurations and require minimal storage capacity. The 230.8 ml, 250 ml, and 400 ml and 500 ml of SLS 0.50% are available in cases of 12, while larger size concentrations (961.5 ml) are available in cases of 6.
- ☪ **We use a lot of dissolution buffer that is not listed, can this be made as a concentrate?**  
 If you send the formulation and Pharmacopoeia reference, along with your annual usage, we would be happy to investigate making as a concentrated media.
- ☪ **What products are available?**  
 The current DA dissolution media concentrates product portfolio includes the following:

	<i>250 ml bottle 230.8ml conc. dilutes to 6L</i>	<i>250ml bottle 250ml conc. dilutes to 10L</i>	<i>1L bottle 961.5ml conc. dilutes to 25L</i>
0.01N HCl	<b>DMC020-06</b>	<b>DMC020-10</b>	<b>DMC020-25</b>
0.1N HCl	<b>DMC021-06</b>	<b>DMC021-10</b>	<b>DMC021-25</b>
pH 4.5 Acetate buffer	<b>DMC022-06</b>	<b>DMC022-10</b>	<b>DMC022-25</b>
pH 5.8 Potassium Phosphate	<b>DMC023-06</b>	<b>DMC023-10</b>	<b>DMC023-25</b>
pH 6.0 Potassium Phosphate	<b>DMC024-06</b>	<b>DMC024-10</b>	<b>DMC024-25</b>
pH 6.8 Potassium Phosphate	<b>DMC025-06</b>	<b>DMC025-10</b>	<b>DMC025-25</b>
pH 7.2 Potassium Phosphate	<b>DMC026-06</b>	<b>DMC026-10</b>	<b>DMC026-25</b>
pH 7.4 Potassium Phosphate	<b>DMC027-06</b>	<b>DMC027-10</b>	<b>DMC027-25</b>
pH 7.5 Potassium Phosphate	<b>DMC028-06</b>	<b>DMC028-10</b>	<b>DMC028-25</b>
Sodium Lauryl Sulfate 0.50%*	<b>DMC029-06</b>	<b>DMC029-10</b>	
Simulated Gastric Fluid (without enzyme)	<b>DMC030-06</b>	<b>DMC030-10</b>	<b>DMC030-25</b>
Simulated Intestinal Fluid (without enzyme)	<b>DMC031-06</b>	<b>DMC031-10</b>	<b>DMC031-25</b>

*\*SLS 0.50% 500 ml bottle size  
 (400 ml of concentrate volume produces 6L of diluted media and 500 ml of concentrate volume produces 10L of diluted media)*

For product specifications and technical information, visit:

**[www.dissolutionaccessories.com](http://www.dissolutionaccessories.com)**



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